

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™ 1710CDS

BATTERY PACK REMOVAL



Battery lock

Battery pack

Battery release lever

- 1 Turn the computer upside down as shown
- 2 Press the **battery lock** and slide the **battery release lever** to the right and lift out the battery

OPTIONAL PCMCIA CARD REMOVAL



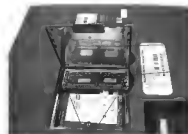
Eject button

PC card

- 1 Pull out the **eject button** of the PC card to be removed
- 2 Press the **eject button** and remove the **PC card**

NOTE Before removing any PCMCIA device, make sure it is "STOPPED" in the PC Card Manager

EXPANSION MEMORY REMOVAL



M2x4 black screws

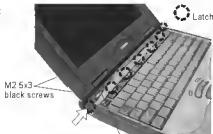
Memory cover

Memory module

Memory clips

- 1 Turn the computer upside down
- 2 Remove **two M2x4 black screws** and remove the **memory cover**
- 3 Push the **memory clips** outward and pull the **memory module** out of the connector on a 30 degree angle

KEYBOARD REMOVAL



Latch

M2.5x3 black screws

Keyboard holder

- 1 Open the display panel
- 2 Remove **two M2.5x3 black screws** securing the keyboard holder
- 3 Unlatch the **keyboard holder** at the top of keyboard starting from the left side

TOSHIBA

Tough Enough for Today's World

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™ 1710CDS

KEYBOARD REMOVAL



M2.5x3 black screws

Keyboard

- 4 Remove **four M2.5x3 black screws** securing the keyboard



Keyboard

Keyboard cable

JP7

JP5

IPS cable

- 5 Set the **keyboard** as shown above
- 6 Disconnect the **keyboard cable** from **JP7** and **IPS cable** from **JP5**
- 7 Lift out the **keyboard**

TOP COVER REMOVAL



M2.5x8 silver screws

M2.5x12 black screws

Lcd harness assy

M2.5x3 black screw

- 1 Remove **two M2.5x8 silver screws** and **M2.5x12 black screws** securing the LCD assembly
- 2 Remove **one M2.5x3 black screw** securing the LCD harness assembly
- 3 Disconnect the **LCD harness assembly** from the system board

M2.5x10 black screw



M2.5x18 black screws

- 4 Remove **eight M2.5x18 black screws** and **one M2.5x10 black screw** securing the bottom cover

TOSHIBA

Tough Enough for Today's World

FIELD REPLACEABLE UNIT DOCUMENTATION

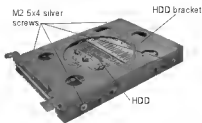
Satellite™ 1710CDS

TOP COVER REMOVAL



- JP4 Sound/IPS switch board Top cover
- 1 Disconnect the **sound/IPS switch board** from JP4 on the system board
 - 2 Disconnect the **LED board cable** from the LED board
 - 3 Remove **four M2.5x8 silver screws** and **two M2.5x3 black screw** securing the top cover assembly
 - 4 Remove the top cover

HDD REMOVAL



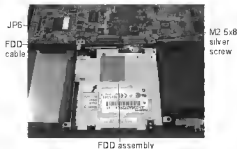
- 4 Remove **four M2.5x3 silver screws** securing the HDD bracket
- 5 Remove the **HDD** from the **HDD bracket**

HDD REMOVAL



- M2 5x8 silver screw
- 1 Remove **one M2.5x8 silver screw** securing the HDD assembly
 - 2 Grasp the **HDD assembly handle** and pull it in the direction of the arrow
 - 3 Lift out the **HDD assembly**

FDD REMOVAL

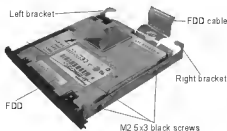


- 1 Remove **one M2.5x8 silver screw** securing the FDD assembly
- 2 Disconnect the **FDD cable** from **JP6**
- 3 Lift out the **FDD assembly**

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™ 1710CDS

FDD REMOVAL



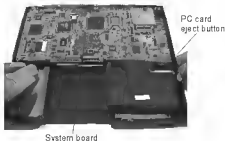
- 1 Remove **three M2.5x3 black screws** securing the left and right brackets
- 2 Lift out the **FDD** and remove the **FDD cable**

SYSTEM BOARD REMOVAL



- 1 Remove **four hex screws** at the rear of the computer
- 2 Remove **two M2.5x8 silver screws** near the cooling module

SYSTEM BOARD REMOVAL



- 3 Push the **PC Card eject button** and lift out the system board as shown above

CD-ROM DRIVE REMOVAL



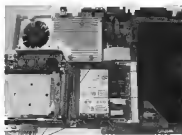
- 1 Remove **two M2.5x3 black screws** securing the CD ROM drive assembly
- 2 Slide the **CD ROM drive assembly** to the left to disconnect from system board
- 3 Remove all the CD-ROM brackets

TOSHIBA
Tough Enough for Today's World

FIELD REPLACEABLE UNIT DOCUMENTATION

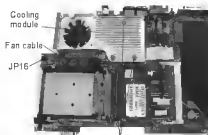
Satellite™ 1710CDS

MODEM REMOVAL



- 1 Disconnect the **modem cable** from the modem board
- 2 Spread the **mini PCI clips** securing the modem board and remove the **modem board** on a 30 degree angle

COOLING MODULE REMOVAL



- 1 Disconnect the **fan cable** from **JP16** on the system board
- 2 Remove **three brass screws** securing the cooling module
- 3 Lift out the **cooling module**

CPU BOARD REMOVAL



- 1 Using a flat head screw driver, insert the screwdriver into the **GPU lock slot** and turn it counterclockwise

NOTE: Use exact size of screw driver

LED BOARD REMOVAL



- 1 Remove **two M2 5x3 black screws** securing the **LED board**
- 2 Lift out the **LED board**

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™ 1710CDS

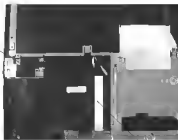
HINGE BRACKET REMOVAL



M2.5x4
silver
screws

- 1 Remove **five M2.5x4 silver screws** securing hinge bracket
- 2 Lift out the **hinge bracket**

AUDIO BOARD REMOVAL



Audio cable

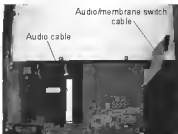
- 1 Disconnect the **audio cable** from the audio board
- 2 Remove **two M2.5x4 silver screws** securing the audio board
- 3 Lift out the **Audio board**

AUDIO/MEMBRANE SWITCH REMOVAL



M2.5x4
silver
screws

- 1 Remove **four M2.5x4 silver screws** securing the metal plate
- 2 Lift out the **metal plate**



Left speaker JP3 JP4 Right speaker

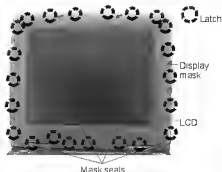
- 1 Remove **two M2.5x4 silver screws** securing the audio/membrane switch board
- 2 Disconnect the **left and right speakers** from JP3 and JP4
- 3 Disconnect the **audio** and the **audio/membrane switch cables**

TOSHIBA
Tough Enough for Today's World

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™ 1710CDS

12.1 TFT DISPLAY MASK REMOVAL



- 1 Remove **four mask seals** at each corner of the display assembly
- 2 Remove **four M2.5x5 brass screws** securing the display mask
- 3 There are **22 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches on the right and left sides** ending with the **six bottom latches**

FL INVERTER AND LCD REMOVAL



- 1 Remove **two M2.5x5 black screw** securing FL inverter board
- 2 Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1** and the **FL cable** from **CN2**
- 3 Remove **four M3X6 brass screws** securing the **LCD module**
- 4 Carefully rotate the **LCD module** from right to left of the LCD cover
- 5 Disconnect the **LCD cable** from the LCD module and remove the LCD from the computer

TOSHIBA

Tough Enough for Today's World